



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Steven M. Martin, et al.

Group Art Unit:

Examiner:

Serial No.: 10/737,422

Filed: December 16, 2003

For: MICROSYSTEM FOR DETERMINING CLOTTING TIME  
OR BLOOD AND LOW-COST, SINGLE-USE DEVICE FOR  
USE THEREIN

Attorney Docket No.: UOM 0282 PUSP

**INFORMATION DISCLOSURE STATEMENT**

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U.S. Patent & Trademark Office  
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Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and § 1.97-1.98, the references listed and identified on the attached Forms PTO/SB08A and/or SB08B are being submitted herewith for consideration by the Examiner.

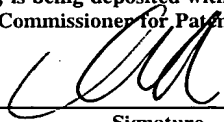
While this Statement is being filed in compliance with the duty of disclosure, citation of the attached references is not to be construed as an admission that any of the reference(s) are "material" as defined under 37 C.F.R. § 1.56(b).

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

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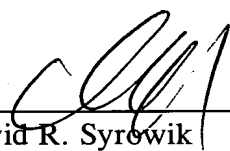
David R. Syrowik  
Name of Person Signing

  
Signature

If the filing date of this application is on or before June 30, 2003, a copy of each reference listed on the attached Forms PTO/SB08A and/or SB08B is included herewith. If this application was filed after June 30, 2003, copies of any cited U.S. patent/application references have not been included. Consideration and entry into the record of these references is respectfully requested.

Respectfully submitted,

**Steven M. Martin, et al.**

By:   
David R. Syrowik  
Reg. No. 27,956  
Attorney/Agent for Applicant

Date: March 19, 2004

**BROOKS KUSHMAN P.C.**  
1000 Town Center, 22nd Floor  
Southfield, MI 48075-1238  
Phone: 248-358-4400  
Fax: 248-358-3351

<sup>9</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>a</sup> Applicant is to place a check mark here if English language Translation is attached.



Substitute for Form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/737,422	
			Filing Date	December 16, 2003	
			First Named Inventor	Steven M. Martin, et al.	
			Group Art Unit		
Examiner Name					
Sheet	2	of	3	Attorney Docket Number	UOM 0282 PUSP

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		CARVILLE, D.G., ET AL., "Coagulation Testing Part 2: The Quest to Optimize Near-Patient Analyzers," IVD Technology Magazine, Sept. 1998, pp. 1-10.	
		SEEGERS, WALTER ED., "Blood Clotting Enzymology," Academic Press, New York, NY 1967, pp. 1-21.	
		WINTROBE, MAXWELL M., ED., "Blood, Pure and Eloquent," McGraw-Hill Book Co., New York, NY, 1980, Chapter 18, pp. 601-656.	
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		SCHMER, GOTTFRIED, ET AL., EDS., "Coagulation Current Research and Clinical Applications," Chapter on Modern Concept of Blood Coagulation, Academic Press, New York, NY, 1973, pp. 3-15.	
		BLAIR, G.W. SCOTT, ET AL., "An Introduction to Biorheology," Elsevier Scientific Publishing Co., New York, NY, 1974, Chapter VI, pp. 62-83.	
		KAIBARA, M., "Rheological Studies on Blood Coagulation and Network Formation of Fibrin," Polymer, Gel, and Networks, Vol. 2, No. 1, 1994, pp. 1-28.	
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		BARD, A., ET AL., "Electrochemical Methods," John Wiley and Sons, New York, NY, 1980, pp. 6-8.	
		BLAKE, L.E., "Principles of the Impedance Technique," IEEE Eng. in Medicine and Biology Magazine, Vol. 8, No. 1, Mar. 1989, pp. 11-15.	

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.



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		OLSSON, R.H., III, ET AL., "Silicon Neural Recording Arrays with On-Chip Electronics for In-Vivo Data Acquisition," IEEE-EMBS Special Topic Conference on Microtechnologies in Medicine and Biology, pp. 237-240, Poster 114, May 2002.	
		LORENZ, H., ET AL., "High-Aspect Ratio, Ultrathick, Negative-Tone Near-UV Photoresist and its Applications for MEMS," Sensors and Actuators A: Physical, Vol. 64, No. 1, Jan. 1998, pp. 33-39.	
		NOLAN, TROY C., ET AL., Direct Down-Conversion of Passband Signals Using MEMS Filters And Sub-Sampling, IEEE, 1999, pp. 1896-1899	
		NELSON, D.T., ET AL., High-Dynamic Range Chanelized MEMS Equalizing Filter, OFC 2002, ThCC3, pp. 586-588	
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